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# AGRICULTURAL LIBRARIES INFORMATION NOTES

## SCIENCE AND EDUCATION ADMINISTRATION DIRECTOR NAMED

The first Director of Science and Education Administration is Anson R. Bertrand, formerly dean of the College of Agricultural Sciences, Texas Tech University, Lubbock. He began his new job here July 10. A Texas A&M graduate, he has an MS and PhD in agronomy from Purdue. He was director of Southern Piedmont Soil and Water Conservation Center, USDA, Watkinsville, Georgia,



and later chief of the Southern Branch of the Soil and Water Research Division of the Agricultural Research Service, USDA. He was also chairman of the Agronomy Division, College of Agriculture, University of Georgia, Athens, for four years. He is a past president of the Soil Science Society of America, and has served on several study panels and committees for the National Research Council of the National Academy of Sciences. He has been a member of the Board of International Food and Agricultural Development (BIFARD) of the U. S. Department of State. *Experiment Station Letter 1460, June 30, 1978.*

## MOISTURE UTILIZATION IN SEMI-ARID TROPICS: summer rainfall agriculture (MUSAT:sra)\*

Doris Illes  
MUSAT:sra Project Librarian  
University of California  
Riverside, California

The Consortium for International Development (CID) is a non-profit corporation which provides assistance in the use, management, and development of the limited resources of the world. The primary objective is to aid in the improvement of the worldwide food problem. Ten member universities participate individually and collectively in various projects concerned with technical assistance, development planning, and institution-building. Members are: Oregon State University, Colorado State University, University of California, Riverside, University of California, Davis, Texas Tech University, Utah State University, University of Arizona, New Mexico State University, Washington State University, and University of Idaho. CIDNET (Consortium for International Development Network) developed out of a working conference in September in 1975. The aim of CIDNET is improving accessibility to the collective information resources and faculties of the members. One objective deals with requests from developing countries for technical assistance in various developmental activities. Research, services, information dissemination, technology transfer, and in-the-field technical assistance are the areas being utilized and applied.

The program at Riverside (MUSAT:sra) is a combined research unit and information center concentrating on dryland agriculture in the Sahel and other semi-arid tropical regions of developing nations. The Center was created in 1974 and funded with a five-

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year grant from the Agency for International Development. Aims of MUSAT:sra include dissemination of information to improve existing farming systems or to develop new systems that will improve food projection. Field projects have been accomplished along with a cooperative research study with French and Senegalese researchers at the Centre National de Recherches Agronomiques station in Bambey. Cooperative projects with West African organizations are considered a vital aspect of technology transfer.

(CIEH), Institut de Recherches Agronomiques Tropicales et des Cultures Vivrieres (IRAT), International Institute of Tropical Agriculture (IITA), International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Samaru Institute for Agricultural Research, and the Office de la Recherche Scientifique et Technique Outre-Mer (ORSTOM).

The MUSAT:sra data base includes citations to journal articles, monographs, reports, maps, government documents, research reports, and unique items of published and unpublished materials related to dryland

- LAWLESS, G.P. 02971  
SOIL HYDROLOGY IN A SEMIARID WATERSHED. NIXON, P.R. LAWLESS, G.P. TRANS ASAE 15:985-991 1972 S671.A452 BIO-AG LIB.  
HYDROLOGY EVAPOTRANSPIRATION WATERSHED MANAGEMENT
- SORGHUM 01187  
BORDER & COMPETITION EFFECTS IN MILLET & SUDANGRASS PLCTS CHARACTERIZED BY DIFFERENT LEVELS OF NITROGEN FERTILIZATION. CRAPA LA, W.J. JOHNSON, C.M. AGRON J 53:17-19 1961 522.A7 BIO-AG LIB. MILLET SORGHUM NITROGEN FERTILIZATION
- WEST AFRICA 04674  
I.N.R.A.-I.R.A.T. MEETING ON GRASS STEM BORERS, MONTFAVET, 6-8 SEPT. 1972; PROCEEDINGS [REUNION DU GROUPE DE TRAVAIL INRA-IRAT SUR LES FOREURS DES GRAMINEES, MONTFAVET, 6-8 SEPT. 1972; COMPTE RENDU]. I.N.R.A.-I.R.A.T. I.N.R.A.-I.R.A.T. 1972 BH 3150  
FRENCH INSECT PESTS GRASSLAND AGRICULTURE SORGHUM WEST AFRICA

\*Note: Foreign language titles are translated and a language indication is provided for languages other than English.

### Figure 1

Materials for a computerized bibliographic data base are selected and acquired from a wide range of sources such as: Automatic Science Citation Alert (ASCA) retrieval service, the campus libraries collections, specialty bookdealers, searching of popular literature, utilization of interlibrary loan services, and direct exchange of materials with national and international scientific organizations. Among these organizations are: Centre National de Recherches Agronomiques (CNRA), Comite Interfricain d'Etudes Hydrauliques

farming. Sorghum, millet, peanuts, cowpeas, *Acacia Albida*, soil fertility and erosion, plant-water relationships and drought problems are examples of coverage. At present there are 11,500 items cited with an additional 5,000 scanned journal items to be input from retrospective sources. General interest citations as they pertain to food production are also included. These may cover geography, climatology, range management, village studies and development.

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The data base is programmed by the Technique for Report Index Management (TRIM) system which is utilized by the university libraries at UCR. The base is indexed by author, title, subject, source, and geographic location. (Fig. 1)

The geographic section of the index cites specific geographic areas and/or an "international-general" heading for a broad or general scope. The geographic section was recently published by G.K. Hall & Co., 70 Lincoln Street, Boston, Massachusetts 02111, USA for \$40.00. It contains 8,500 geographic entries grouped by continent, country, region, and international-general headings.

The source index is the journal or organization cited. Subject descriptors are assigned by means of a specialized thesaurus developed by and for the program. The thesaurus used upper case letters for authorized terms in the subject index; lower case terms are used only to direct the user to the authorized term, i.e., Acreage USE FARM SIZE. A descriptor is related to associated terms; thus BT indicates 'broader term', NT indicates 'narrower term' and RT indicates 'related term'. (Fig. 2)

FORAGE SORGHUM  
BT SORGHUM.  
RT FORAGE CROPS

Figure 2

The Information Center maintains a collection of over 800 detailed topographic, climatological, soil and meteorological maps which are cited separately and are retrievable through the computerized index.

Access to the various sections is through a computerized index. A printout from the index is made following the addition of every 500 entries. Microfiche copies of the index are used by UCR libraries and by users consulting the program. MUSAT's target audience has many differing areas of interest. Primary focus is to provide informational support to researchers engaged in projects for developing countries. A large percentage of applied services are directed to correspondence requests and inquiries from national and international visitors to the Information Center.

MUSAT:srs is also a resource for the Service de Reference-Developpement (SID) center in France. Referrals from worldwide sources are received and disseminated to appropriate sources. A search program has been developed for a machine search of the MUSAT:sra data base as well as those of most member CIDNET data bases in order to respond to extensive or specialized requests. An example is: all information on the use of shifting cultivation in the Gao region of Mali prior to 1970. Fees for this service vary. Inquiries should be sent to the Library Services Office, University of California, Riverside, California 92521.

Publications currently in preparation include the *Proceedings: International Symposium on Rainfed Agriculture in Semi-Arid Regions*; SOTA: *Agriculture in Semi-Arid Environments* (published in Springer Verlag's "Ecological Studies Series") and the *Resource Directory for Agricultural Research in Semi-Arid Regions* (G.K. Hall).

Inquiries concerning Information Center services and requests for brochures describing CIDNET member collections and services can be secured from: MUSAT:sra Project, Bio-Agricultural Library, University of California, Riverside, California 92521. (714-787-5312)

\* An earlier announcement on MUSAT:sra appeared in *ALIN* Vol. 1(11), November 1975.

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NEW SERIALS  
RECEIVED AT NAL



*Contemporary topics in analytical and clinical chemistry.*  
New York, Plenum, v. 1, 1977. QD71.C56

*International journal of pharmaceuticals.* Amsterdam,  
Elsevier/North Holland Biomedical Press. v. 1, no. 1,  
Jan/Feb 1978 RS122.A115

*Tierhaltung.* Basel, Birkhauser Verlag. 1, 1977.  
SF105.T5



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## CAPITOL HILL LEGISLATION

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Legislation under consideration or reports of the most pertinent agricultural legislation before the U.S. Congress are available at Federal depository libraries where they may be used; larger public libraries also have sets available. USDA personnel should contact their D.C. Headquarters office for access to bills.

*S. 2.* June 21. Senate Committee on Rules and Administration favorably reported bill to require periodic reauthorization of Government programs, known as the *Sunset* legislation. Was initially reported July 1, 1977 (*S. Rept. 95-326*); has Administration support.

*S. 3085.* This *Child Nutrition Amendments of 1978* was reported May 15 (*S. Rept. 95-884*), and scheduled on the floor of the Senate in July. This bill extends and amends the special supplemental food program and the child care food program.

*H.R. 10584 (and H.R. 10434).* *Agricultural Trade Act of 1978* reported by the House Committee on Agriculture on July 10 (*H. Rept. 95-1338*). Establishes between 6 and 25 agricultural trade offices abroad in major trading cities overseas, adds provisions to *Commodity Credit Corporation Charter Act* to stimulate commercial sales of U.S. agricultural commodities by improving terms, conditions, and availability of credit for the export of such commodities, raises status of Agricultural Attaches to Agricultural Counselors, establishes both an Assistant Secretary of Agriculture for International Affairs, in lieu of an Assistant Secretary of Agriculture for International Affairs and Commodity Programs.

*H.R. 11504.* The conferees agreed June 26 to file a conference report on the differences between the Senate- and House-passed versions of bill to improve Federal credit assistance programs for farmers, ranchers, and rural communities and businesses.

*H.R. 13125.* House passed Agriculture, rural development and related agencies appropriation bill for fiscal year 1979, June 22. Debate recognized increasing importance of agricultural research and contains a total of \$503 million for the research programs conducted by the Agricultural Research Service, the Cooperative States Research Service and scientific activities overseas, an increase of almost \$30 million over the amount contained in the budget for the current fiscal year, and over \$14 million more than was requested by the administration for the next fiscal year. Bill is in the Senate Appropriations Committee, where the subcommittee is expected to mark it up during the week of July 17.

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### NEW LOCATION FOR CRIS

The Current Research Information System is no longer in the South Building in Washington, D.C. As of June 26, the staff and operation moved to the National Agricultural Library Building on the 14th floor at Beltsville. CRIS Director *John Myers* says although he expects some minor delays in service, the staff is doing its best to get unpacked and set up at the new stand.

New address: Current Research Information System  
U.S. Department of Agriculture  
Science and Education Administration/TIS  
National Agricultural Library Building  
Beltsville, Maryland 20705

Phone: 301-344-3846

## NEW PUBLICATIONS OF NOTE



Documents marked with an asterisk (\*) are available from the Printing & Publishing Office, National Academy of Sciences, 2101 Constitution Avenue, N.W., Washington, D.C. 20418. Documents marked (†) are available from other sources as noted. For documents shown as available from a specific unit of the National Academy of Sciences, National Academy of Engineering, Institute of Medicine, or National Research Council, write to the listed unit at 2101 Constitution Avenue, N.W., Washington, D.C. 20418. For current NTIS prices and NTIS documents, write to the National Technical Information Service, Springfield, Va. 22161. Prices and availability of all documents are subject to change.

†*Airborne Particles (Medical and Biologic Effects of Environmental Pollutants)*. Subcommittee on Airborne Particles, Committee on Medical and Biologic Effects of Environmental Pollutants; Division of Medical Sciences, Assembly of Life Sciences, National Research Council (Committee on Medical and Biologic Effects of Environmental Pollutants, 1977; 562 pp.; available from NTIS; PB 276 723).

\**Chloroform, Carbon Tetrachloride, and Other Halomethanes: An Environmental Assessment (Scientific and Technical Assessments of Environmental Pollutants)*. Panel on Low Molecular Weight Halogenated Hydrocarbons, Coordinating Committee for Scientific and Technical Assessments of Environmental Pollutants, Environmental Studies Board; Commission on Natural Resources, National Research Council (National Academy of Sciences, 1978; 305 pp.; ISBN 0-309-02763-2; \$8.85).

†*Control of Diets in Laboratory Animal Experimentation*. Committee on Laboratory Animal Diets, Institute of Laboratory Animal Resources; Division of Biological Sciences, Assembly of Life Sciences, National Research Council. *ILAR [Institute of Laboratory Animal Resources] News*, Winter/Spring 1978; reprints available from the institute.

\**Kepone/Mirex/Hexachlorocyclopentadiene: An Environmental Assessment (Scientific and Technical Assessments of Environmental Pollutants)*. Panel on Kepone/Mirex/Hexachlorocyclopentadiene, Coordinating Committee for Scientific and Technical Assessments of Environmental Pollutants, Environmental Studies Board; Commission on Natural Resources, National Research Council (National Academy of Sciences, 1978; 84 pp.; ISBN 0-309-02766-7; \$5.75).

†*Market Diseases of Potatoes: Designed for Market Inspectors*. W.L. Smith, Jr. and J.B. Wilson. U. S. Dept. of Agriculture, March 1978; 99 pp.; (Agric. Handbook 479). Free. Order from: U.S. Dept. of Agriculture Office of Governmental and Public Affairs, Publications Division, Utilization & Inquiries Section, Washington, D.C. 20250.

†*Methane Generation from Human, Animal, and Agricultural Wastes*. Panel on Methane Generation from Human, Animal, and Agricultural Wastes, Advisory Committee on Technology Innovation, Board on Science and Technology for International Development; Commission on International Relations, National Research Council (Board on Science and Technology for International Development, 1977; 146 pp.; available from NTIS; PB 276 469; free to requestors from developing countries upon request to Board on Science and Technology for International Development).

\**Nutrient Requirements of Cats, Revised (Nutrient Requirements of Domestic Animals Number 13)*. Panel on Cat Nutrition, Subcommittee on Laboratory Animal Nutrition, Committee on Animal Nutrition, Board on Agriculture and Renewable Resources; Commission on Natural Resources, National Research Council (National Academy of Sciences, 1978; 56 pp.; ISBN 0-309-02743-8; \$5.50).

†*Research Literature for Development*. Vol. II: *Food Production and Nutrition Development, and Economics Education and Human Resources Health; Selected Development Areas*. (Washington, D.C.) U.S. Agency for International Development (1978). 597 pp. Free. A Price List of microfiche is also available.

†*Workshop on Solar Energy for the Villages of Tanzania*. Held in Dar es Salaam, Tanzania, August 11-19, 1977. Sponsored by the Tanzania National Scientific Research Council, United Republic of Tanzania; and by the Board on Science and Technology for International Development. Commission on International Relations, National Research Council, National Academy of Sciences, of the United States of America (Tanzania National Scientific Research Council, 1978; 173 pp.; available from Board on Science and Technology for International Development; supply limited).



*Eroziia pochvy i bor'ba s nei. Ukazatel' literatury za 1976 gg. ...: Soil Erosion and Its Prevention. Literature Guide for 1976 ...*. Compiled by N.B. Naletova. Moskva, TsNSKhB BASKhNIL. 1977. 96 p. 557 annotated citations. Price unavailable.

*Fish Protein Concentrates: A Bibliography with Abstracts*. Robena J. Brown. (NTISearch NTIS/PS-77/1132). Springfield, Va., NTIS, U.S. Department of Commerce, December 1977. 169 p. 169 citations. Order from: NTIS, Springfield, Virginia 22151. \$28.00. (NAL call no.: Z5973.F5F5).

*A List of References: Maize Virus Diseases and Corn Stunt*. R.M. Ritter. Ohio Agricultural Research and Development Center. Maize Virus Information Service (MAVIS). June 1978 (Addendum to June 1977 list). 39 p. 132 citations, with Keyword Index and Author Listing. Order from: Richard M. Ritter, Department of Plant Pathology, OARDC, Wooster, Ohio 44691. Free.

*Oyster Utilization, Biology, and Growth: A Bibliography with Abstracts*. Robena J. Brown. (NTISearch NTIS/PS-77/0824). Springfield, Va., NTIS, U.S. Department of Commerce, October, 1977. 301 p. 301 citations. Order from: NTIS, Springfield, Virginia 22151. \$28.00 (NAL call no.: Z5973.0909).

*Phosphorus in Beef Cattle and Sheep Nutrition*. R.L. Preston. Pullman, Washington State University. 44 p. 154 citations. In: *NFIA Literature Review on Phosphorus in Ruminant Nutrition*. Grants-In-Aid Committee, National Feed Ingredients Association. 1977. Order from: NFIA, 1 Corporate Place, Suite 360, West Des Moines, Iowa 50265. Attn: Leah Gilliland. \$19.50. (NAL call no.: SF98.P5N5).

*Phosphorus in Dairy Cattle and Goat Nutrition*. N.L. Jacobson and K.D. Wiggers. Ames, Iowa; M.H. Wiggers and G.N. Jacobson, Iowa State University. 1976. 43 p. 145 citations. In: *NFIA Literature Review on Phosphorus in Ruminant Nutrition*. Grants-In-Aid Committee, National Feed Ingredients Association. 1977. Order from: NFIA, 1 Corporate Place, Suite 360, West Des Moines, Iowa 50265. Attn: Leah Gilliland. \$19.50. (NAL call no.: SF98.P5N5).

*Phosphorus Removal in Sewage Treatment Systems: A Bibliography with Abstracts*. Diane M. Cavagnaro. (NTISearch NTIS/PS-77/0811). Springfield, Va., NTIS U.S. Department of Commerce, September, 1977. 225 p. 225 citations. Order from: NTIS, Springfield, Virginia 22151. \$25.00. (NAL call no.: Z5853.S22P45).

*Ratsional'naia organizatsiia upravleniia v sel'skom khoziaistve. Ukazatel' literatury za 1973-1976 gg. ...: Efficient Administrative Organization in Agriculture. Literature Guide for 1973-1976 ...*. Compiled by T.V. Filonova. Moskva, TsNSKhB VASKhNIL. 1977. 202 p. 1,168 annotated citations. Price unavailable.

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The following bibliographies were published in 1977 as part of the series *Aktuelle Literaturinformationen aus dem Obstbau* of the *Universitätsbibliothek der Technischen Universität Berlin*. Order from: Universitätsbibliothek der Technischen Universität Berlin. Abt. Publikationen. Strasse des 17. Juni 135, D-1000 Berlin 12 (Charlottenburg). Germany. (NAL call no. for series: Z5996.F8A4). Price unavailable.

*Bibliographie des Internationalen Granatapfel-Schrifttums: Bibliography of the International Literature on Pomegranates*. Peter Ludders. Herbert Wilhelm Debor and Dirk Franken. (Series, no. 73). 26 p. 228 citations.

*Bibliographie des Internationalen Schrifttums über die Gattung Sorbus: Bibliography of the International Literature on the Genus Sorbus*. Herbert Wilhelm Debor. (Series, No. 74). 29 p. 259 citations.

*Bibliographie des Internationalen Schrifttums über Pflaumen und Zwetschen: Bibliography of the International Literature on Plums and Prunes*. Herbert Wilhelm Debor and Dirk Franken. (Series, no. 71). 40 p. 377 citations.

*Veröffentlichungen über die Gattung Ribes Sp.; Publications on the Genus Ribes sp.* Herbert Wilhelm Debor and Dirk Franken. (Series, no. 72). 32 p. 296 citations.

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The following bibliographies were published as part of the *Exchange Bibliography* series of the Council of Planning Librarians (NAL call no. for series: Z690.AIC6), and can be ordered from:

Council of Planning Librarians  
P.O. Box 229  
Monticello, Illinois 61856

*Bibliography of Bibliographies on Transportation and Related Fields*. Jean-Paul Reid. (Series, 1561). 1978. 70 p. 710 citations. Cost: \$7.00.

*Rubber Plantations in Developing Economies - Related Problems and Issues*. George Kruaku Ntiri. (Series, 1559). 1978. 37 p. 286 citations. \$3.50.

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Clearance has been granted to compile and publish the following bibliography:

*Plant Responses to Salinity: Indexed Bibliography* by Gene Mass. (Agricultural Reviews and Manual Series). U.S. Salinity Laboratory, 4500 Glenwood Drive, Riverside, California 92051.

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## QUICK BIBLIOGRAPHY SERIES

The bibliographies in this series are primarily computerized online or batch bibliographies emanating from searches performed by the TIS Reference Staff in response to customer requests.

Searches are selected for inclusion based on the currency of the topic, interest among clientele, relative length (approximately 150 citations or more) and probable value to a larger audience. All titles in this series will be listed for four months. Revisions or updates will be renumbered and reannounced. Only one copy of a title will be sent; however, requestors may make copies. To request a copy of a Quick Bibliography send the title, series number, and a return addressed label to:

Reference Division  
Technical Information Systems, SEA, USDA  
National Agricultural Library Building  
Beltsville, Maryland 20705

NAL--BIBL.--78-04. *Solar Energy and Agriculture, 1970-1977*. 236 citations from AGRICOLA. Search by Nancy H. Lewis. April 1978.

NAL--BIBL.--78-05. *Double Cropping and Interplanting, 1972-1977*. 230 citations from AGRICOLA. Search by Charles N. Bebee. April 1978.

NAL--BIBL.--78-06. *Careers in Agriculture, 1970-1977*. 90 citations from CAIN. Search by David R. Hoyt. April 1978.

NAL--BIBL.--78-07. *Conservation in Greenhouses, 1970-1977*. 254 citations from AGRICOLA. English only. Search by Charles N. Bebee. April 1978.

NAL--BIBL.--78-08. *Drip Irrigation, 1970-1977*. 265 citations from AGRICOLA. English only. Search by Charles N. Bebee. April 1978.

NAL--BIBL.--78-09. *Selected Research on Farm Animal Reproduction, 1971-1977*. 84 citations from AGRICOLA. English only. Search by David Hoyt. April 1978.

NAL--BIBL.--78-10. *Home Canning, Freezing and Preserving, 1970-1978*. 169 citations from AGRICOLA. English only. Search by Nancy H. Lewis. April 1978.

NAL--BIBL.--78-11. *Training, Management and Evaluation of Extension Work, 1970-1978*. 278 citations from AGRICOLA. English only. Search by Nancy H. Lewis. April 1978.

NAL--BIBL.--78-12. *Parity and Price Supports in Agriculture, 1970-1977*. 236 citations from CAIN. No languages excluded. Search by David R. Hoyt. June 1978.

# CONTACTS FOR ECONOMIC AND STATISTICAL INFORMATION

United States Department of Agriculture  
Economics, Statistics, and Cooperatives Service

Here are the specialists within the Economics, Statistics, and Cooperatives Service who can provide much of the information you'll need about today's agriculture and related topics. Generally, those listed with an "S" can give you the latest production and stocks estimates, those identified with an "E" can help with supply-demand-price relationships and other economic factors, and those identified with a "C" can help with cooperative information.

## CROPS, DAIRY, LIVESTOCK, & POULTRY

		Telephone (202)			
<b>Broilers</b>				<b>Hay</b>	
Swede Severson	S	447-2123		James Naive	E 447-8636
William Cathcart	E	447-8801		Dewayne Hamilton	S 447-3843
<b>Cattle</b>				<b>Hogs</b>	
James Kreber	S	447-6880		Robert Bellinghausen	S 447-6880
James Nix	E	447-8972		James Nix	E 447-8972
<b>Corn &amp; Feed Grains</b>				<b>Milk</b>	
William Dowdy	S	447-3843		Jim Lawson	S 447-6351
James Naive	E	447-8636		<b>Peanuts</b>	
Arthur Coffing (World)	E	447-9160		Larry Roberson	S 447-7687
				George Krcmer	E 447-8840
<b>Cold Storage</b>				<b>Potatoes</b>	
Jim Lawson	S	447-6351		Charles Koinos	S 447-7720
<b>Cotton</b>				Charles Porter	E 447-8666
Doug Spillman	S	447-7687		<b>Seeds</b>	
Russ Barlowe	E	447-8776		John Lange	S 447-7867
<b>Dairy Products</b>				<b>Sheep</b>	
Ron Sitzman	S	447-6351		Paul Blackwood	S 447-6880
Charles Shaw	E	447-8915		<b>Slaughter</b>	
<b>Eggs</b>				Paul Blackwood	S 447-6880
Al Drain	S	447-2123		<b>Sugar</b>	
William Cathcart	E	447-8801		James Gibson	S 447-7687
<b>Floriculture</b>				Tom Little	E 447-7290
William Wilken	S	447-7720		<b>Tobacco</b>	
Jules Powell	E	447-7133		James Gibson	S 447-7687
<b>Fruit</b>				Robert Mjller	E 447-7290
Dan Buckner	S	447-7720			
William Wilken	S	447-7720			
Jules Powell	E	447-7133			



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<b>Turkeys</b>			
Swede Severson	S	447-2123	
Bill Cathcart	E	447-8801	
<b>Vegetables</b>			
Charles Drain	S	447-7720	
Charles Porter	E	447-8666	
<b>Wool</b>			
Paul Blackwood	S	447-6880	
Russ Barlowe	E	447-8776	
<b>Wheat &amp; Food Grains</b>			
Dewayne Hamilton	S	447-3843	
James Naive	E	447-8636	
Arthur Coffing (World)	E	447-9160	
<b>Other Crops</b>			
Floyd Rolf	S	447-2127	
<b>Other Livestock, Dairy, and Poultry</b>			
Doug E. Murfield	S	447-6146	

## U.S. TRADE & FOREIGN AGRICULTURE

<b>U.S. Exports &amp; Imports</b>			
Dewain Rahe (Outlook)	E	447-8260	
Thomas Warden (Statistics)	E	447-8926	
<b>Foreign</b>			
Richard Kennedy (World)	E	447-8260	
Patrick O'Brien (Agr'l & trade policies)	E	447-7590	
Robert Marx (Africa & Middle East)	E	447-8966	
Wade Gregory (Asia)	E	447-8106	
Charles Liu (Communist Asia)	E	447-8380	
Reed Friend (Developed countries)	E	447-6809	
Tom Vankai (Eastern Europe)	E	447-8380	
Howard Hall (Latin America)	E	447-8133	
Fletcher Pope (Soviet Union)	E	447-8380	
Anthony Rojko (Commodities)	E	447-8981	
Arthur Mackie (Economic development & trade)	E	447-8289	
Amalia Vellianitis-Fidas (International monetary & financial)	E	447-7590	

## FARM FINANCES

<b>Agricultural Finances</b>			
Philip Allen	E	447-7383	
<b>Balance Sheet of Farming Sector</b>			
Carson Evans	E	447-7643	
<b>Credit &amp; Insurance</b>			
Philip Allen	E	447-7383	
Larry Walker	E	447-7383	
<b>Income</b>			
Steve Guebert	E	447-8698	
<b>Prices &amp; Parity</b>			
Fred Thorp	S	447-3570	
Herb Brown	E	447-8840	
<b>Production Expenditures</b>			
David Kincannon	E	447-7577	
<b>Taxes</b>			
Charles Sisson	E	447-8168	
<b>Wages &amp; Labor</b>			
Robert McClure	S	447-4830	
Conrad Fritsch	E	447-8865	

## FARMS & LAND

<b>Corporate Farming</b>			
Donn Reimund	E	447-6860	
<b>Farm Numbers &amp; Size</b>			
Clarence Dunkerley	S	447-4830	
George Coffman	E	447-7680	
<b>Farm Real Estate</b>			
Larry Walker	E	447-7383	
Philip Allen	E	447-7383	
<b>Land Ownership</b>			
Robert Boxley	E	447-2628	
<b>Land Policy</b>			
Melvin Cotner	E	447-8239	
<b>Land &amp; Water Use</b>			
Orville Krause (Land)	E	447-8081	
Marlin Hanson (Water)	E	447-8081	

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## FOOD

**Food Consumption & Prices**  
Larry Summers E 447-8707

**Food Substitutes**  
William Gallimore E 447-4190

## MARKETING

**Agricultural Promotion & Advertising**  
Peter Henderson E 447-4190

**Consumer Surveys**  
Clark Burbee E 447-9200

**Marketing Margins & Statistics**  
Harry Harp E 447-8454

**\*Market Structure**  
Robert Frye E 447-7799

**Price Spreads**  
Henry Badger E 447-8454  
Donald Agnew E 447-8470

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The *National Agricultural Library Catalog: Indexes 1971-1975* will be published in September 1978. This computer-produced quinquennial cumulation of indexes provides access to books, periodicals, and serials cataloged by the Library from January 1971 through December 1975. Because of the rising production and publication costs, only the indexes have been cumulated in order to minimize the price to users. The *Indexes* are intended to be used with Main Entry sections of published monthly issues of the *Catalog*. Back issues of the *Catalog* may be obtained from the publisher. These cumulative indexes, together with the monthly *Catalog*, supplement the *Dictionary Catalog of the National Agricultural Library, 1862-1965*, and the *National Agricultural Library Catalog, 1966-1970*.

The set will consist of two volumes: 1. Personal Author Index, Corporate Author Index, Title Index; and 2. Subject Index. The purchase price is \$115.00 net, or \$100.00 net if the order is accompanied by remittance and received by August 31, 1978 (\$1.50 per set for postage and handling).

Orders should be sent to Rowman and Littlefield, 81 Adams Drive, Box 327, Totowa, NJ 07511.

## ASSOCIATES PRESENT AWARDS

The Associates NAL Inc. awarded a citation for Professional Achievement to Angelina Carabelli and a posthumous citation for Distinguished Service to Patricia Condon at its annual meeting July 14, 1978. The citations, a gold medallion and a certificate, are given in recognition of professional achievement for service to the National Agricultural Library, to other agricultural libraries, or significant achievements leading to the advancement of the library science field.

For many years, Angelina Carabelli served with distinction and honor as a librarian in the Department of Agriculture library and more recently as editor for the *Associates NAL, Today* quarterly journal. Her professional contributions to the literature of agriculture (articles, books, editorials) spanned such subject areas as entomology, horsemanship, horticulture, and librarianship. In 1962, she edited *USDA National Agricultural Library Centenary Issue, 1862-1962*. Four years later, Angelina prepared a most useful guidepost document entitled *The National Agricultural Library in the Next Decade: Changing Needs and Concepts*. In 1970 she co-authored an outstanding contribution to agricultural librarianship entitled *Guide for an Agricultural Library Survey for Developing Countries*. As a librarian, scholar, and supporter of NAL, Angelina Carabelli's record of achievement and contribution is a human milestone that all should be proud to recognize for a *Professional Achievement Award*.

The posthumous award to Patricia Condon was accepted by her daughter Julie. During her tenure at the National Agricultural Library, Patricia Condon consistently exceeded her job requirements in many ways. She prepared a number of reports and bibliographic publications. Mrs. Condon enthusiastically shared her bibliographic expertise with colleagues as Chairman of the NAL Publications Committee, 1975-1977.

On May 23, 1976, she became Chief of the Lending Division and worked closely with her staff to streamline procedures and to cut down on paperwork. Her commitment to excellence in public service was sustained by the superior performance evaluations that she received consistently year after year.

## AGRICULTURE DATEBOOK



*September 17-21: 3rd SYMPOSIUM ON WEED CONTROL*, C.N.R.A., Dakar, Senegal. Contact: J.R. Guillou, Dept. de Malherbologie, C.N.R.A., Route de St-Cyr, 78000 Versailles, France.

*September 17-22: AMERICAN ASSOCIATION OF CEREAL CHEMISTS AND SIXTH INTERNATIONAL CEREAL AND BREAD CONGRESS*, Winnipeg, Canada. Contact: Raymond Tarleton, Exec VP, 3340 Pilot Knob Rd, St. Paul, MN 55121.

*October 10-12: PECORA IV. APPLICATION OF REMOTE SENSING DATA TO WILDLIFE MANAGEMENT*, Sioux Falls, South Dakota. Sponsored by National Wildlife Federation, in cooperation with U.S. Geologic Survey NASA, U.S. Fish and Wildlife Service, Canadian Wildlife Service, International Association of Fish and Wildlife Agencies. Contact: Michael E. Berger, National Wildlife Federation, 1412 15th St., NW, Washington, D.C. 20036 (202-797-6881).

*October 29-31: ASSOCIATION OF INFORMATION AND DISSEMINATION CENTERS (ASIDIC)*, Fall Meeting, at the Chicago Blackstone Hotel, Chicago, IL.

*October 29-November 2: AMERICAN PHYTOPATHOLOGICAL SOCIETY*, Tuscon, AZ. Contact: R.J. Tarleton, Exec VP, 3340 Pilot Knob Rd., St. Paul, MN 55121.

*November 5-9: 3rd INTERNATIONAL CONFERENCE ON GOVT PRODUCTION AND DISEASE*, Tucson, AZ. Contact: Judith Brown, Div. of Continuing Education, Babcock Bldg., Room 1201, University of Arizona, Tucson, AZ 85719.

*November 6-10: 14th AMERICAN WATER RESOURCES CONFERENCE - WATER AND ENERGY ENVIRONMENT ECONOMICS*, Orlando, FL. Contact: Melvin W. Anderson, Dept. of Structures, Materials and Fluids, University of South Florida, Tampa, FL 33620.

*November 8-10: NATIONAL SYMPOSIUM ON WETLANDS*, Orlando, FL. Contact: Phillip E. Greison, U.S. Geological Survey, WRD, National Center, MS 412, Reston, VA 22092.

*November 12-15: NATIONAL ASSOCIATION OF STATE UNIVERSITIES AND LAND-GRANT COLLEGES*, St. Louis, MO. Contact: Russell I. Thackrey, Sec., 1 Dupont Circle, Suite 710, N.W., Washington, DC 20036.

*November 13-17: AMERICAN SOCIETY FOR INFORMATION SCIENCE (ASIS)*, 41st Annual Conference, New York Hilton Hotel, New York, NY.

*November 15-16: SOLAR ENERGY APPLICATIONS*, Miami Beach, FL. Sponsor: American Institute of Chemical Engineers, N.Y. Contact: American Institute of Chemical Engineers, 345 E. 47th St., New York, NY 10017 (212-644-7526).

*November 26-30: ENTOMOLOGICAL SOCIETY OF AMERICA*, Houston, TX. Contact: Wallace P. Murdock, Exec Sec., 4603 Calvert Rd., College Park, MD 20740.

*November 27-29: BLACK LAND-GRANTS AND AGRICULTURAL INFORMATION*; two-day meeting sponsored by the Library Directors of the 1890 Land-Grants and Technical Information Systems, SEA, USDA, Huntsville, Ala. Contact: Barbara Williams, S.C. State College, Orangeburg 29115.

*December 4-7: INTERNATIONAL SYMPOSIUM ON ANIMAL HEALTH AND DISEASE DATA BANKS*, Washington, D.C. Contact: Edwin Pilchard, Emergency Programs Information Center, USDA, Room 757, Federal Center Building, Hyattsville, MD 20782.

*December 11-15: INTERNATIONAL SYMPOSIUM ON THE USE OF ISOTOPES AND RADIATION IN RESEARCH AND SOIL-PLANT RELATIONSHIPS*, Colombo, Sri Lanka. Contact: John H. Kane, Special Assistant for Conferences, Office of Technical Information, MS A1-5216, ERDA, Washington, D.C. 20545.

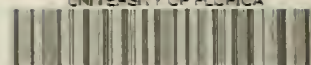
*December 18-21: AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS*, Chicago, IL. Contact: Russell H. Hahn, Asst. Sec., Box 410, St. Joseph, MI 49085.

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